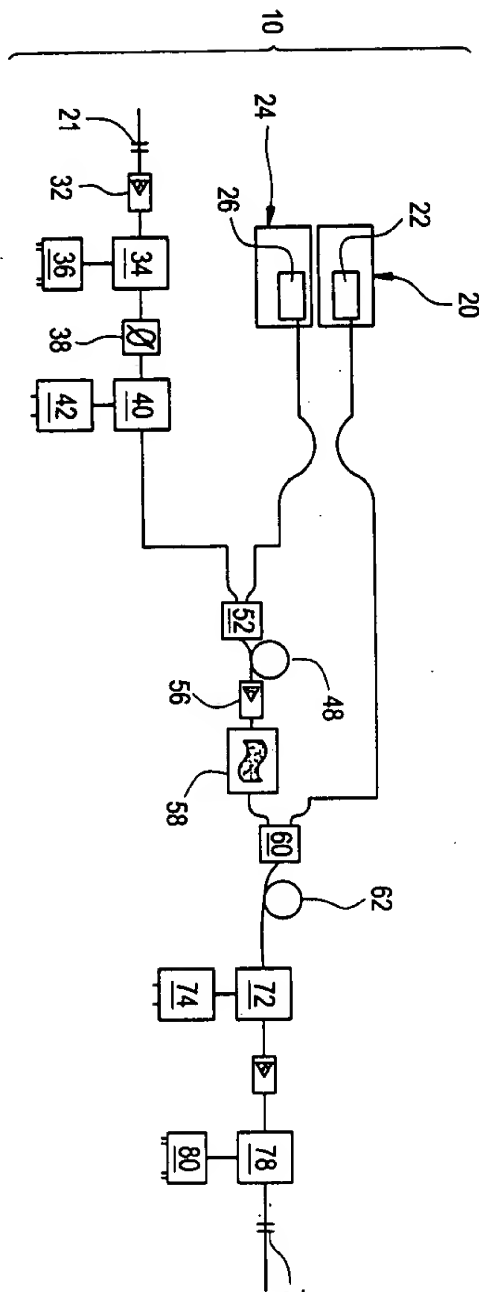


FIG. 1

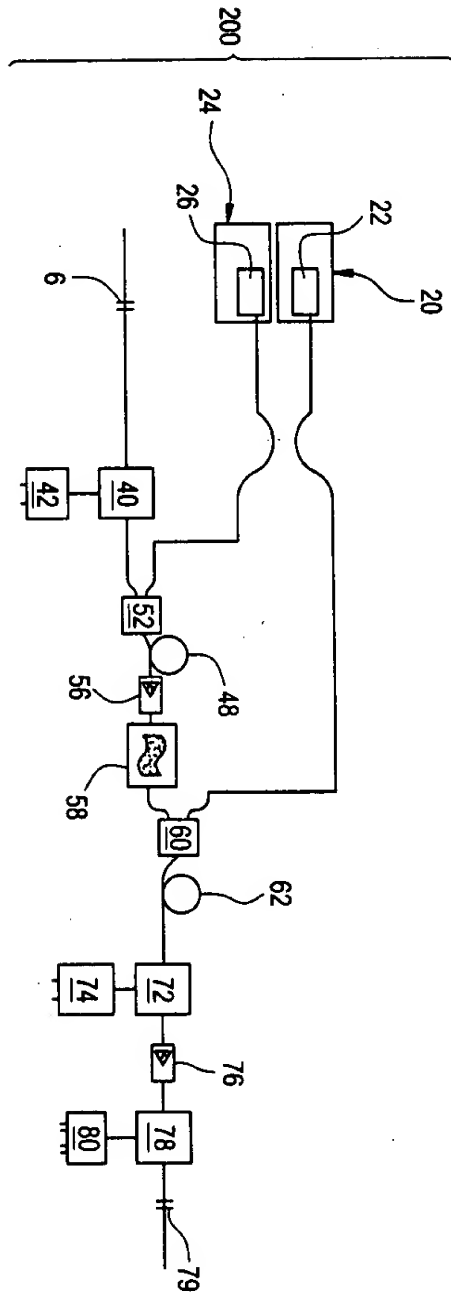


1-14 optical fiber
15-30 amplifier
79 termination

13
5/29/95

09387562.0001.00

FIG. 3



03337561.000100

FIG. 4

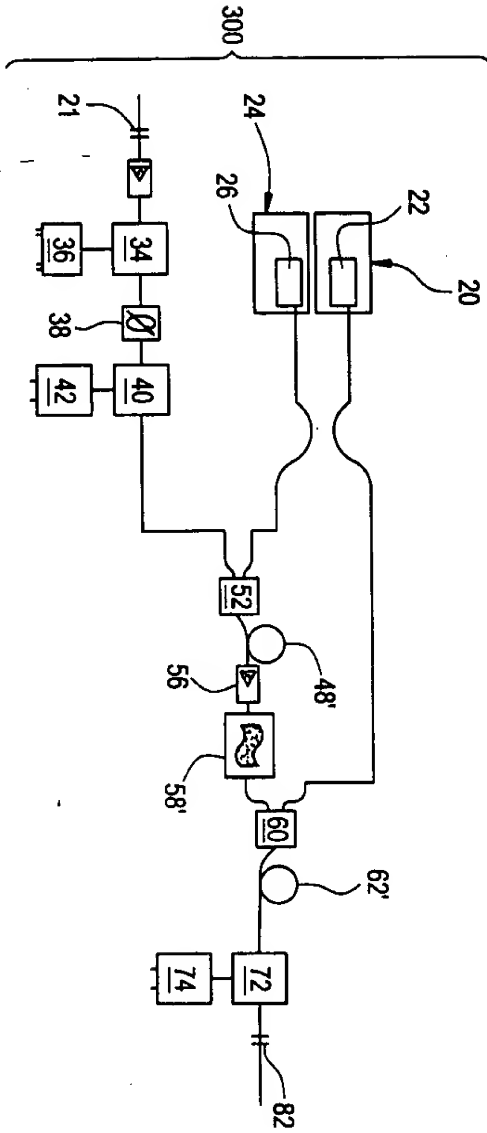
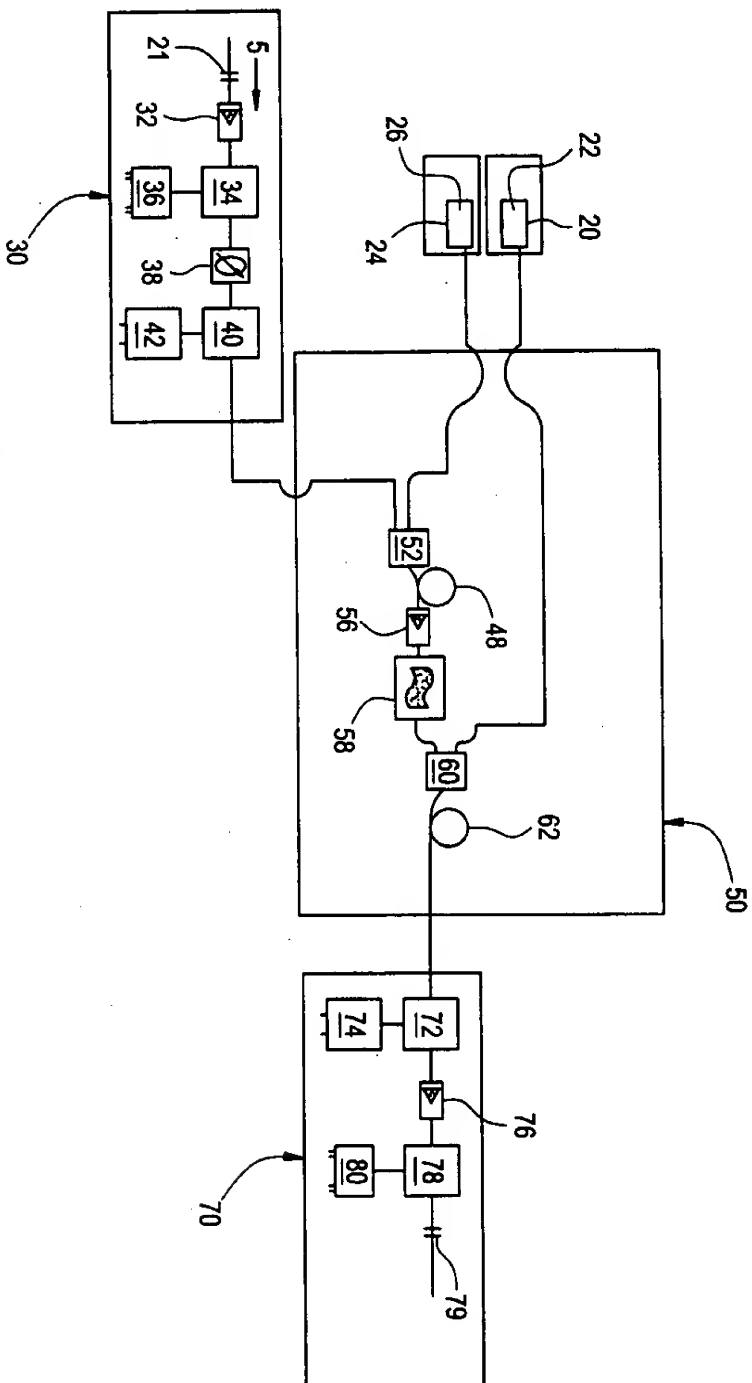
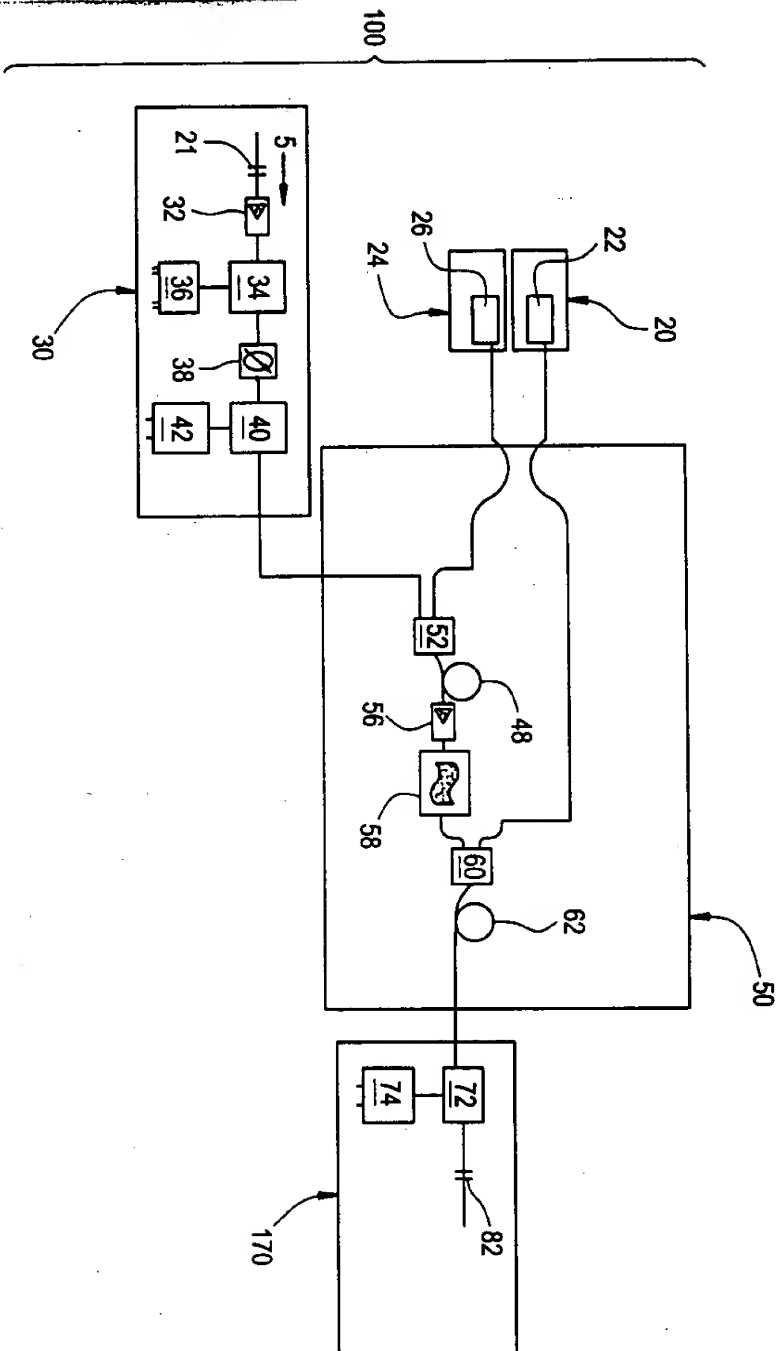
[illegible]

FIG. 5



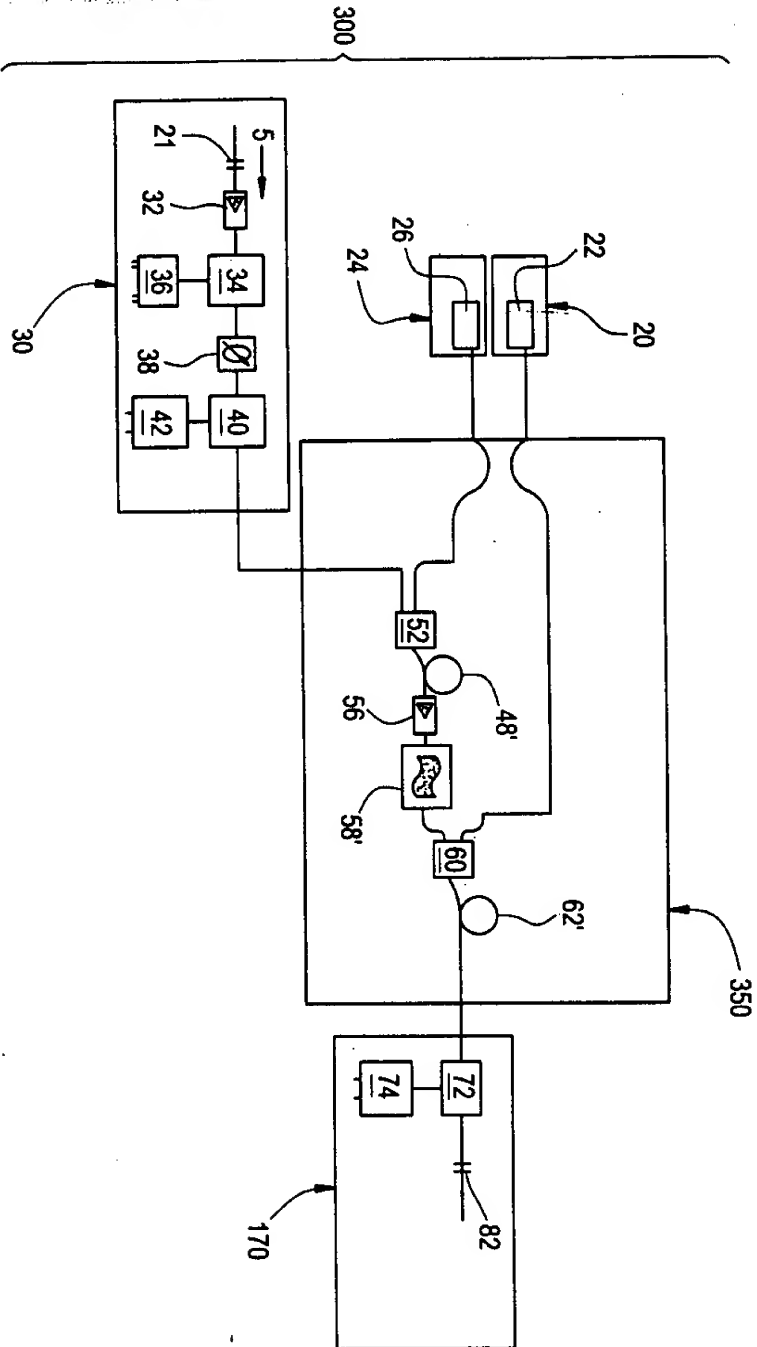
0307361-000105

FIG. 6



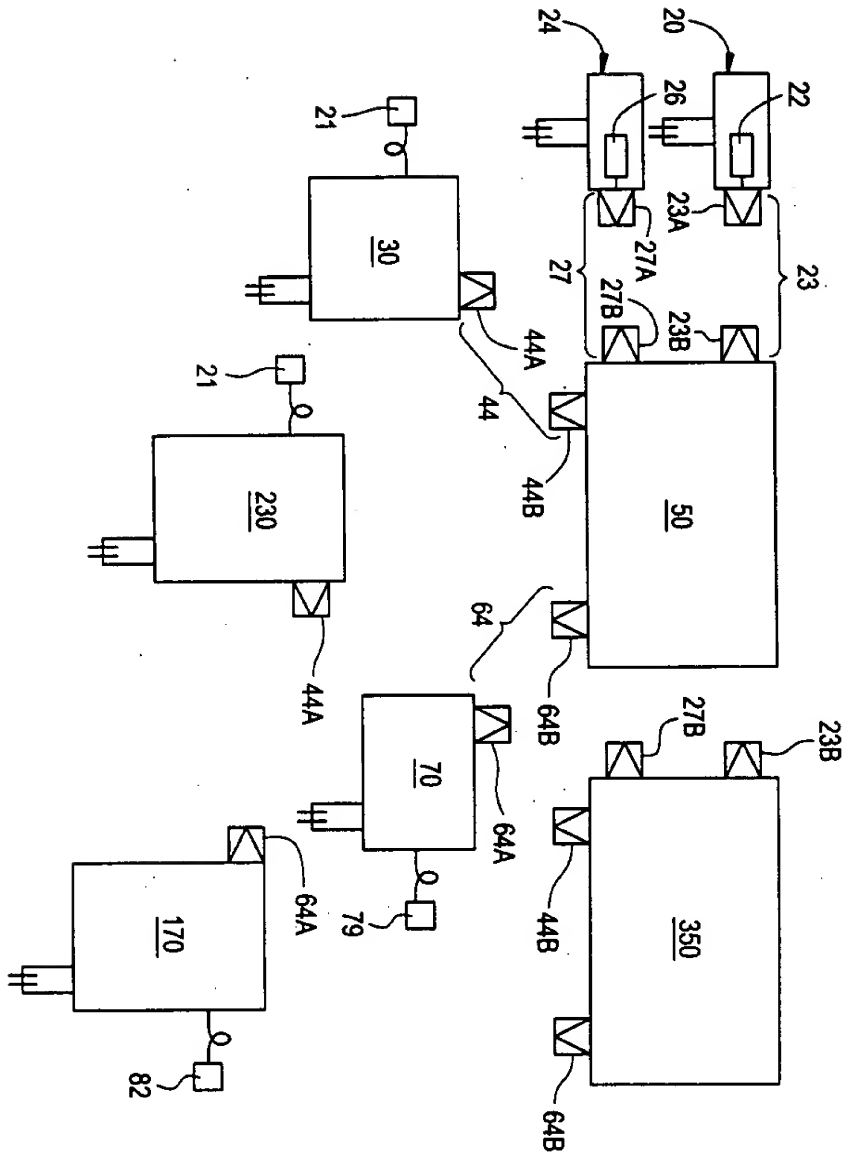
CONTROL SYSTEM

FIG. 8



09367951.0001.00

FIG. 9



09307864.050193

The diagram shows a system 20. At the top, there are two input units, 22 and 24, each containing a small square component. Unit 22 is connected to a port 23A, and unit 24 is connected to a port 27A. Both ports are connected to a central rectangular block representing the system 50. Port 23B is also on the top of block 50. Inside block 50, a signal path is shown: it enters from the top, passes through a component 48, then through a circle 46, a triangle 47, a square 56, and a square 58. A line 54 connects the top of block 50 to a circle 57 at the bottom. Another line 53 connects the square 58 to a square 60. A line 55 connects the square 60 to the circle 57. The circle 57 is connected to a port 64B on the bottom of block 50. A line 43 connects the top of block 50 to a square 52, which is then connected to a port 44B on the left side of block 50. A line 45 connects the top of block 50 to a triangle 45 on the left side of block 50.

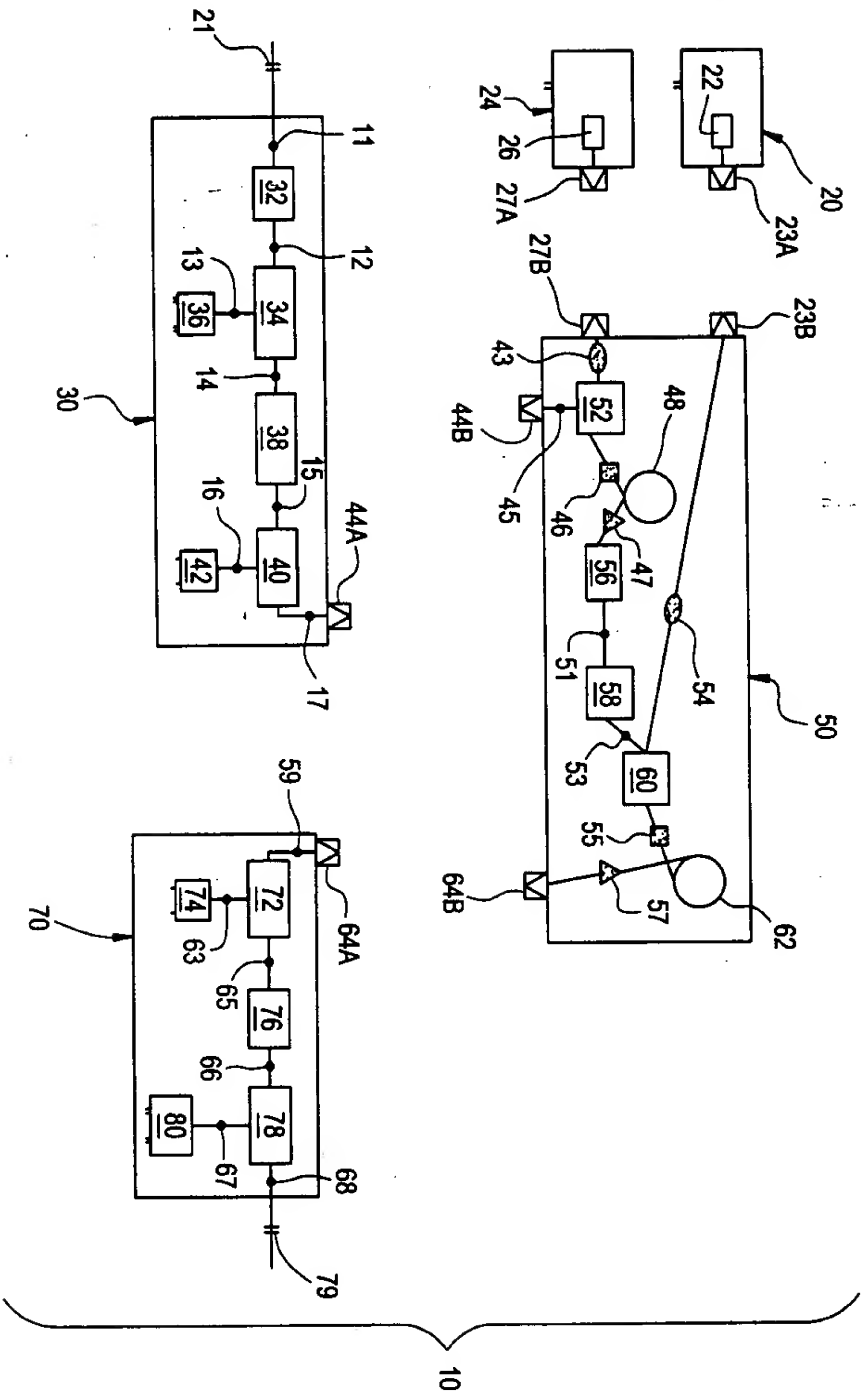
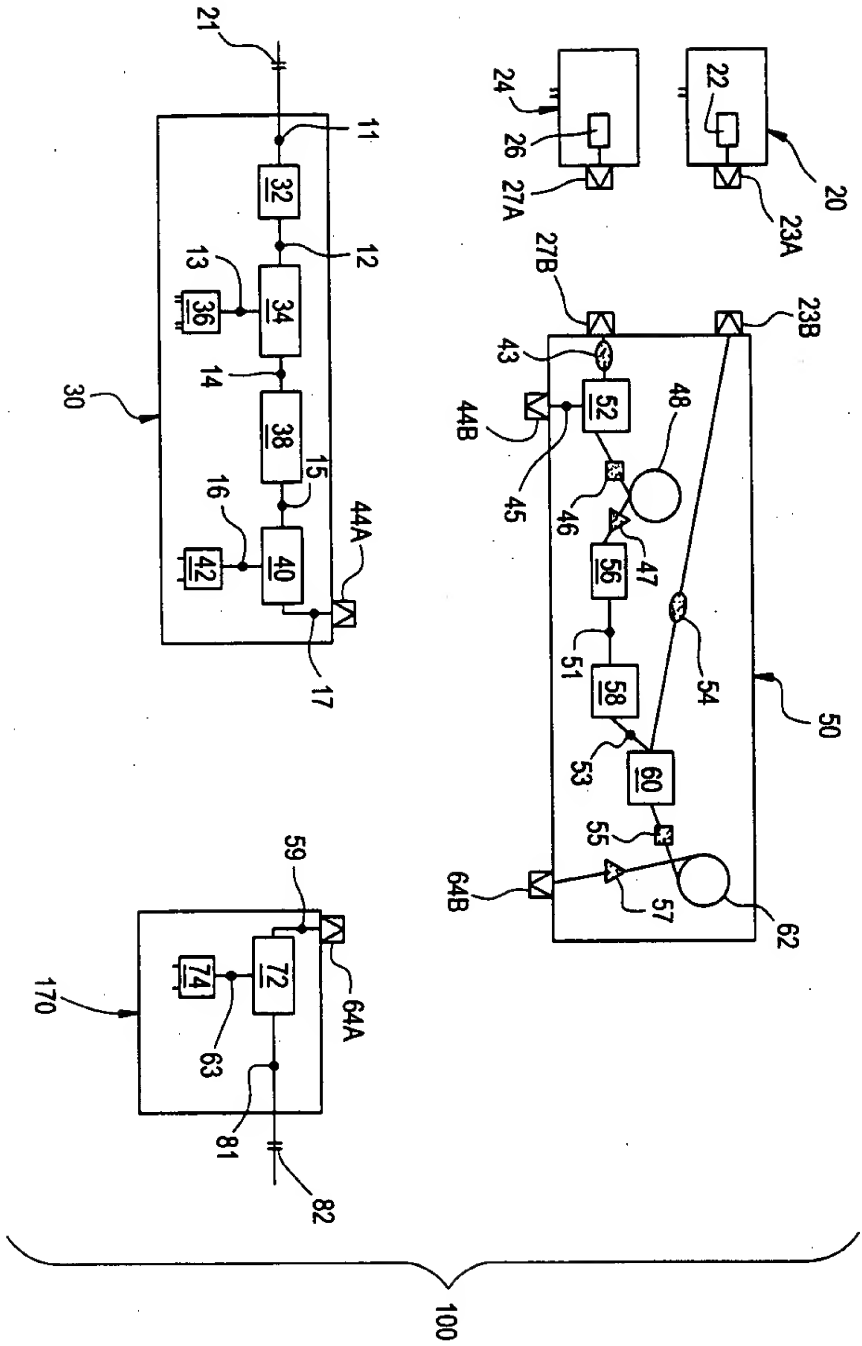


FIG. 11



09387964.090199

FIG. 12

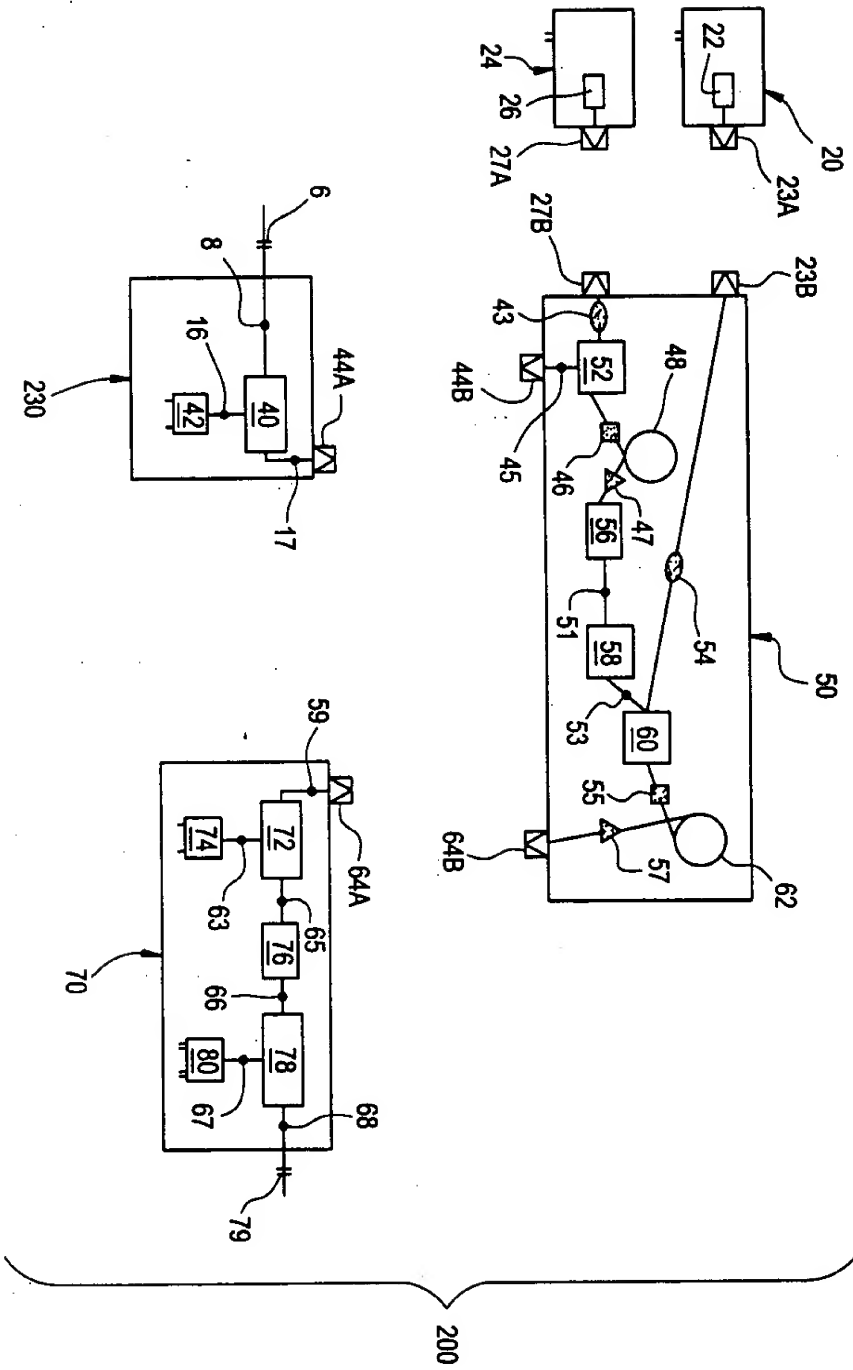
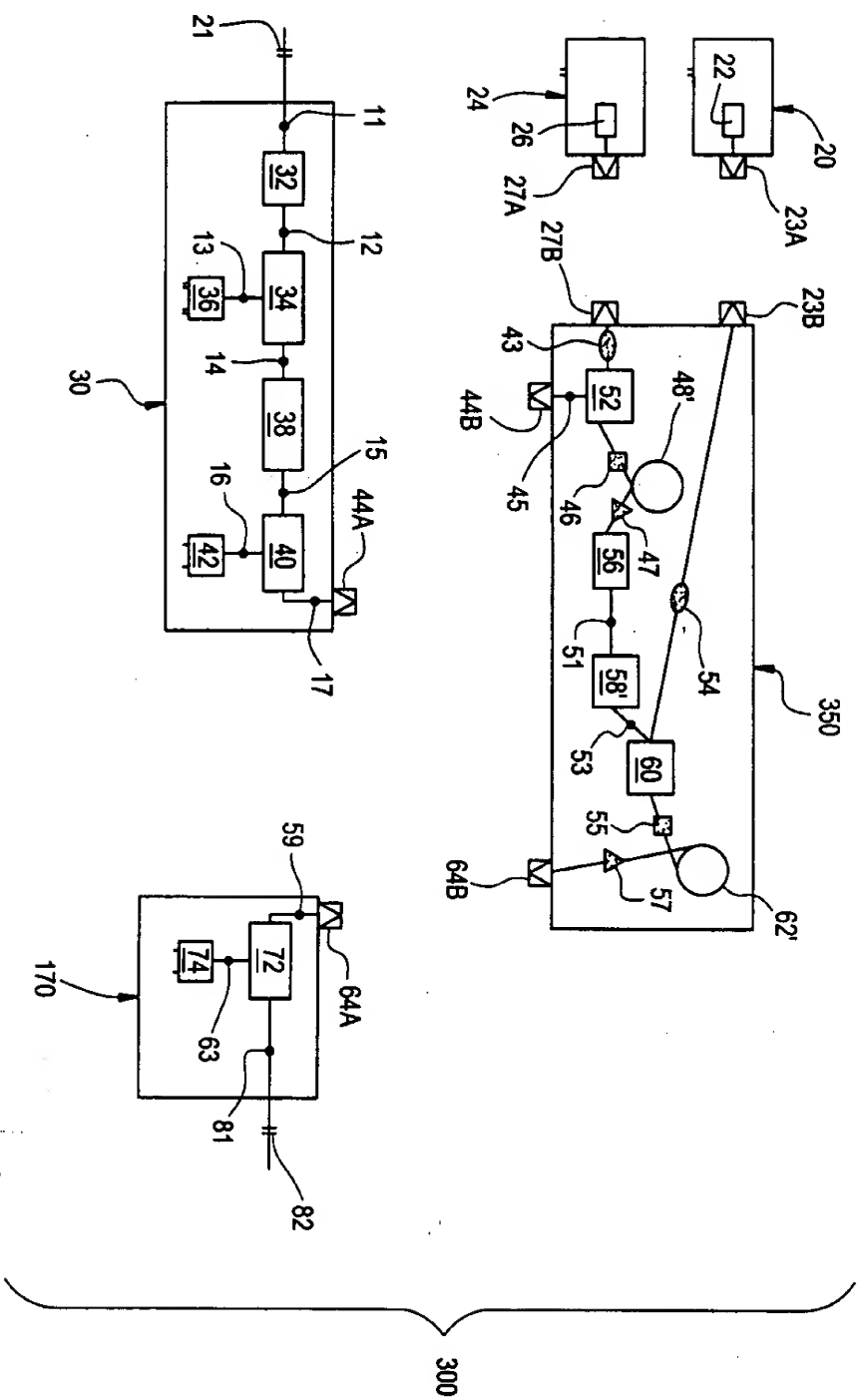


FIG. 13



09367961.090199